Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\

Quantitation Report (Not Reviewed)

Data File : VU028832.D
Acq On : 20 Dec 2018 18:18
Operator : MD/SY
Sample : J6419-12ME
Misc : 5.55g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF040ME

Quant Time: Dec 21 03:58:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 03:50:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	220756	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	215489	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	102489	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	66354	37.49	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 74.98%			
7) Chloroethane-d5	1.64	69	38505	28.17	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery = 56.34%#			
11) 1,1-Dichloroethene-d2	2.23	63	84876	28.52	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 57.04%#			
21) 2-Butanone-d5	4.19	46	116059	93.60	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 93.60%			
24) Chloroform-d	4.64	84	111473	40.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 80.12%			
26) 1,2-Dichloroethane-d4	5.30	65	71928	41.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.86%			
32) Benzene-d6	5.33	84	242663	39.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 79.72%			
36) 1,2-Dichloropropane-d6	6.33	67	86754	41.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 83.90%			
41) Toluene-d8	7.56	98	220748	40.01	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 80.02%			
43) trans-1,3-Dichloropropene-	7.85	79	39032	42.12	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.24%			
47) 2-Hexanone-d5	8.32	63	100374	102.19	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery = 102.19%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	135181	47.11	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.22%			
64) 1,2-Dichlorobenzene-d4	11.86	152	89932	43.39	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.78%			

Target Compounds						Qvalue
3) Chloromethane	1.32	50	3046	1.244	ug/L	97
6) Bromomethane	1.60	94	623	0.676	ug/L	94
15) Methyl Acetate	2.63	43	2335	1.185	ug/L #	77
20) cis-1,2-Dichloroethene	4.22	96	1442	0.830	ug/L	81
27) 1,2-Dichloroethane	5.33	62	1214	0.576	ug/L #	74
34) Trichloroethene	6.18	95	4697	2.836	ug/L	97
37) 1,2-Dichloropropane	6.33	63	8081	4.214	ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	1941	0.710	ug/L #	38
45) 1,1,2-Trichloroethane	8.22	97	3307	2.017	ug/L #	1
46) Tetrachloroethene	8.22	164	407688	319.605	ug/L	99
48) 2-Hexanone	8.32	43	10308	4.872	ug/L #	63
49) Dibromochloromethane	8.22	129	385553	236.069	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	12748	5.570	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

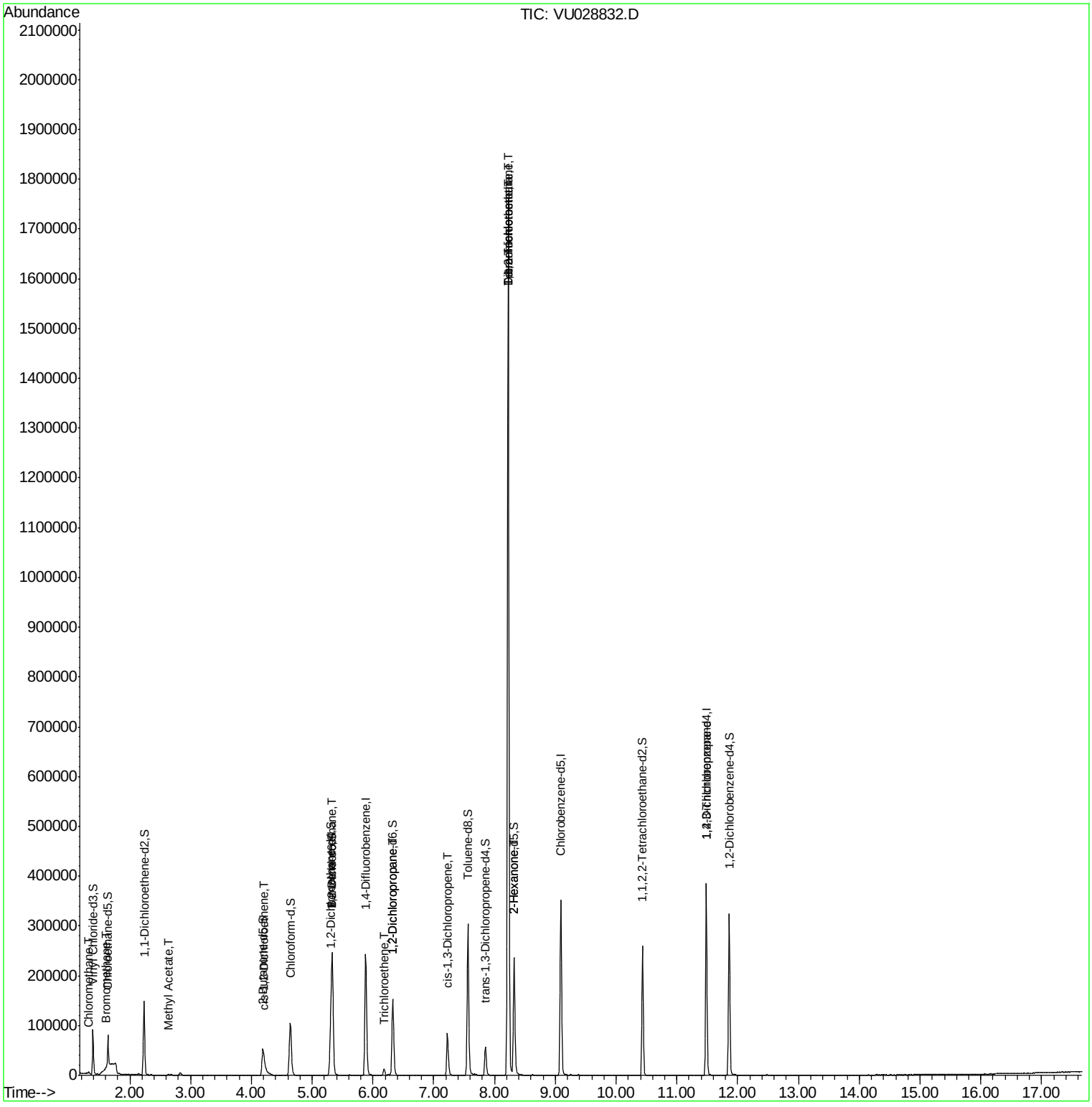
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\

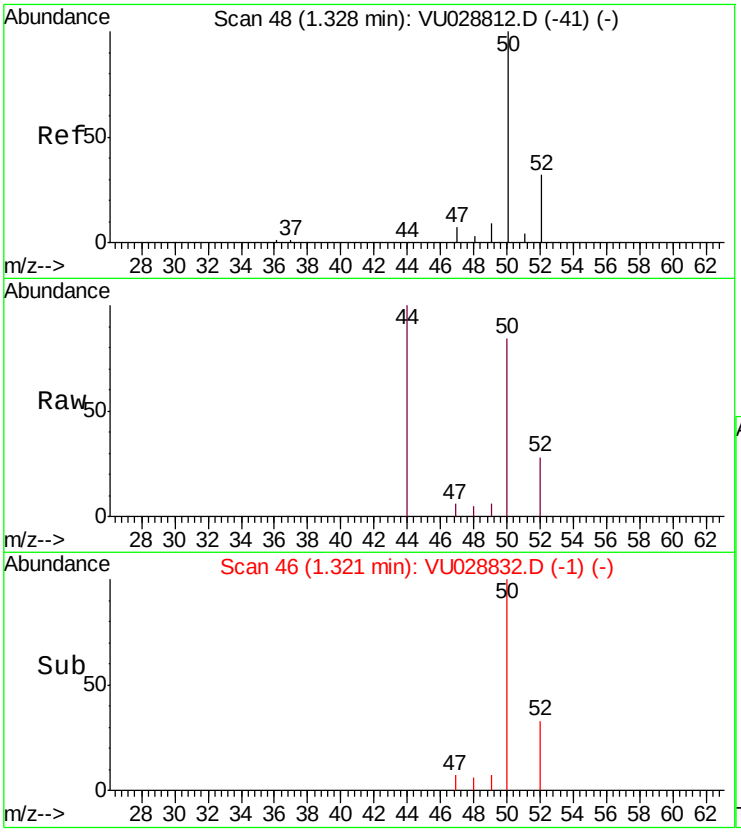
Quantitation Report (Not Reviewed)

Data File : VU028832.D
Acq On : 20 Dec 2018 18:18
Operator : MD/SY
Sample : J6419-12ME
Misc : 5.55g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF040ME

Quant Time: Dec 21 03:58:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 03:50:07 2018
Response via : Initial Calibration



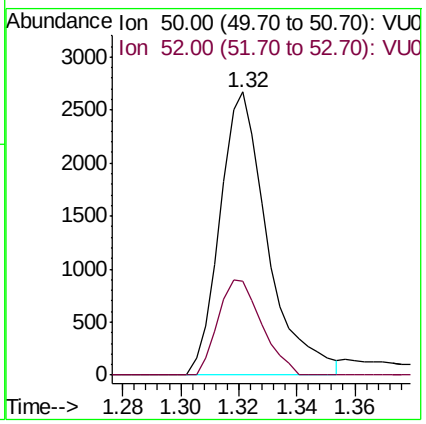


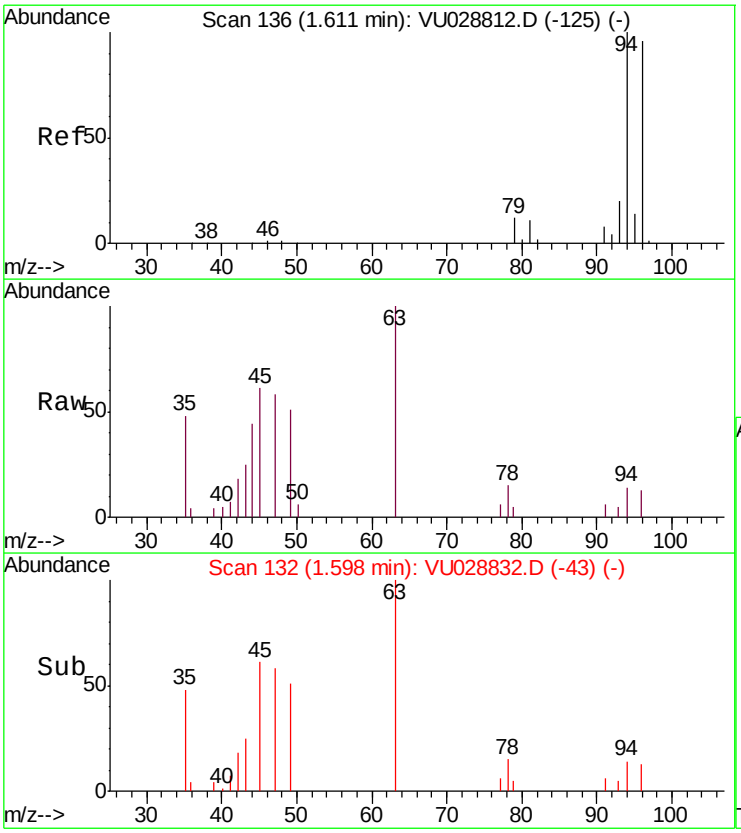
#3
Chloromethane
Concen: 1.244 ug/L
RT: 1.32 min Scan# 46
Delta R.T. -0.01 min
Lab File: VU028832.D
Acq: 20 Dec 2018 18:18

Instrument :
MSVOA_U
ClientSampleId :
BF040ME

Tgt Ion: 50 Resp: 3046

Ion	Ratio	Lower	Upper
50	100		
52	33.4	22.3	41.3

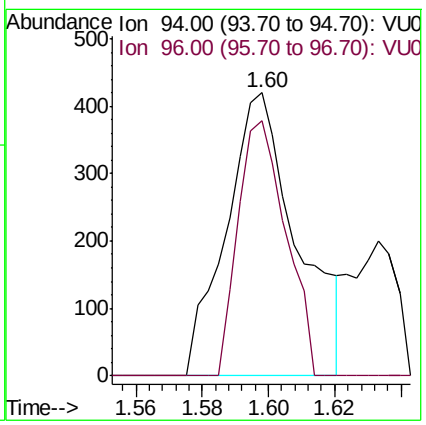


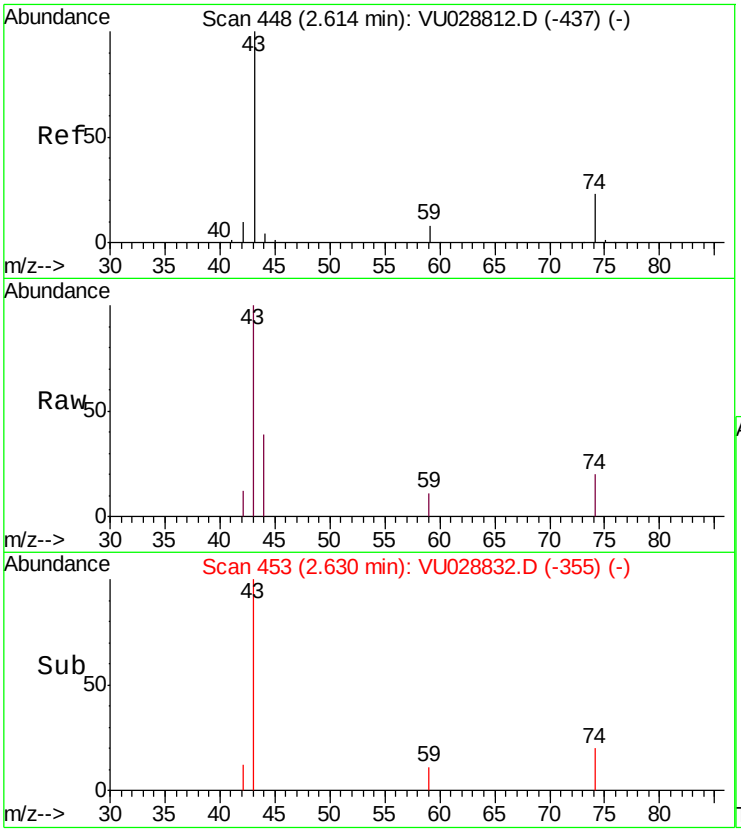


#6
Bromomethane
Concen: 0.676 ug/L
RT: 1.60 min Scan# 132
Delta R.T. -0.01 min
Lab File: VU028832.D
Acq: 20 Dec 2018 18:18

Tgt Ion: 94 Resp: 623

Ion	Ratio	Lower	Upper
94	100		
96	90.0	67.3	125.1



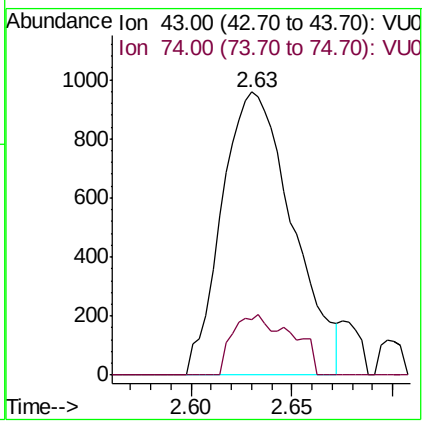


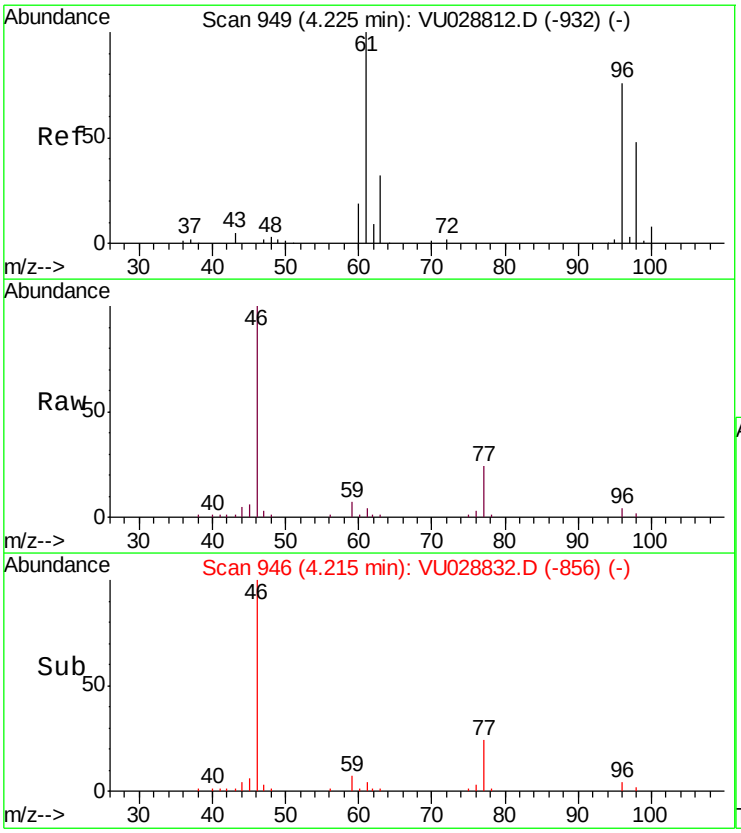
#15
Methyl Acetate
Concen: 1.185 ug/L
RT: 2.63 min Scan# 453
Delta R.T. 0.02 min
Lab File: VU028832.D
Acq: 20 Dec 2018 18:18

Instrument :
MSVOA_U
ClientSampleId :
BF040ME

Tgt Ion: 43 Resp: 2335

Ion	Ratio	Lower	Upper
43	100		
74	12.3	19.0	28.4#

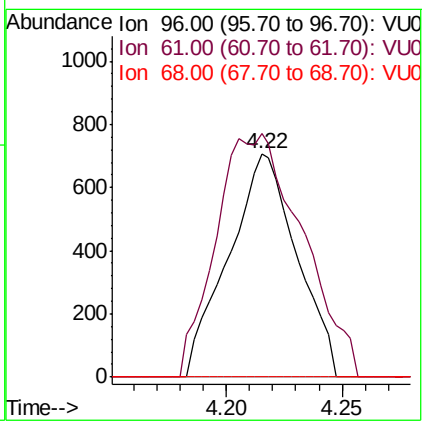


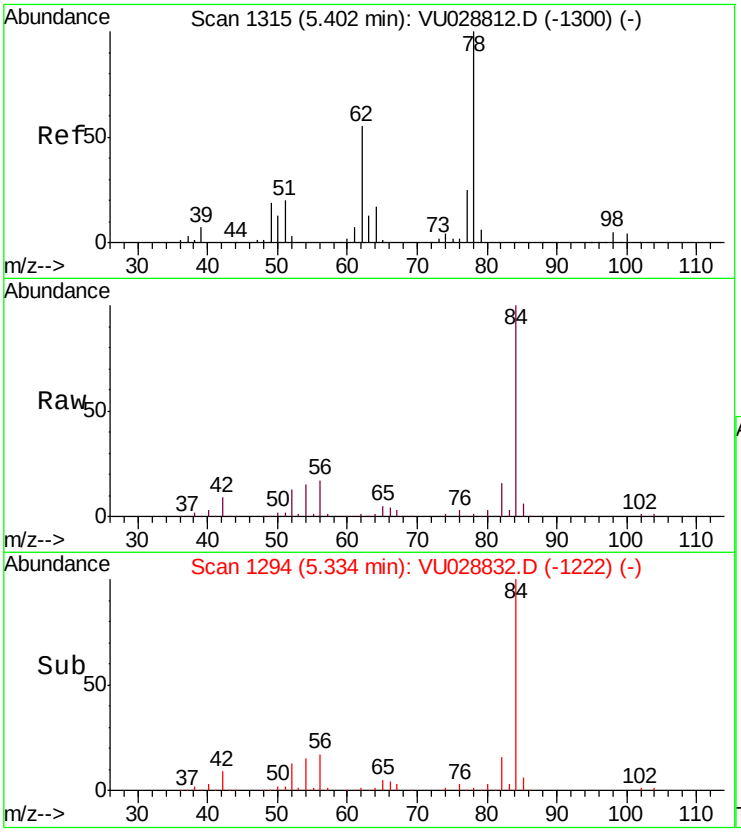


#20
cis-1,2-Dichloroethene
Concen: 0.830 ug/L
RT: 4.22 min Scan# 946
Delta R.T. -0.01 min
Lab File: VU028832.D
Acq: 20 Dec 2018 18:18

Tgt Ion: 96 Resp: 1442

Ion	Ratio	Lower	Upper
96	100		
61	108.9	92.1	171.1
68	0.0	0.0	0.0



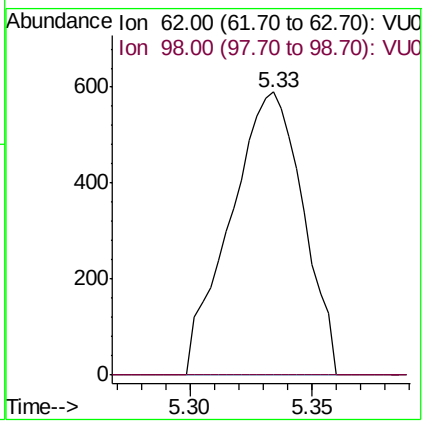


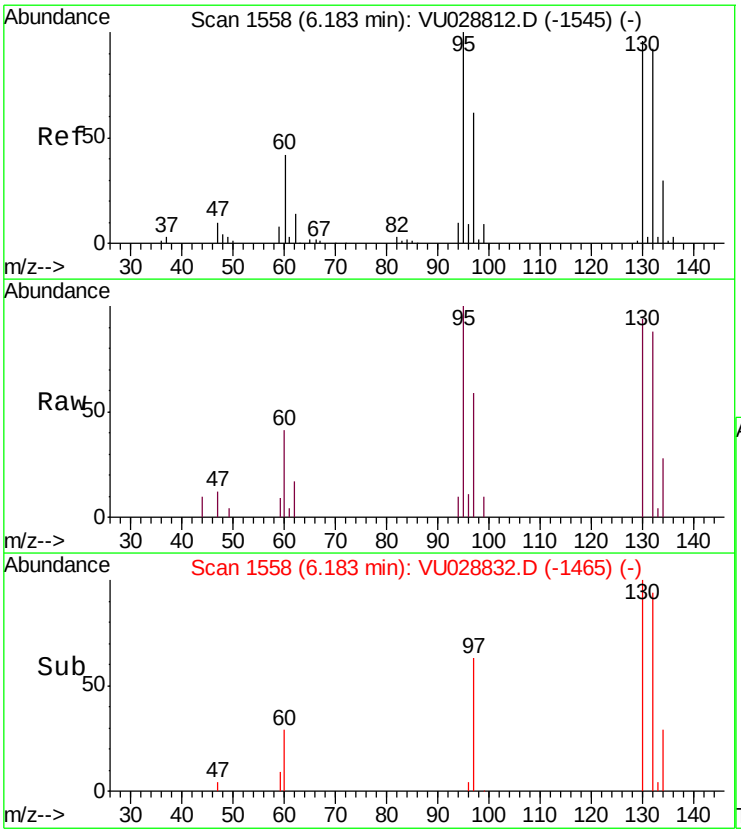
#27
1,2-Dichloroethane
Concen: 0.576 ug/L
RT: 5.33 min Scan# 1294
Delta R.T. -0.07 min
Lab File: VU028832.D
Acq: 20 Dec 2018 18:18

Instrument : MSVOA_U
ClientSampleId : BF040ME

Tgt Ion: 62 Resp: 1214

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.5	11.3#

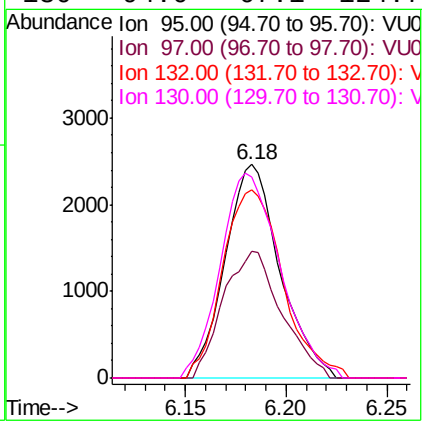


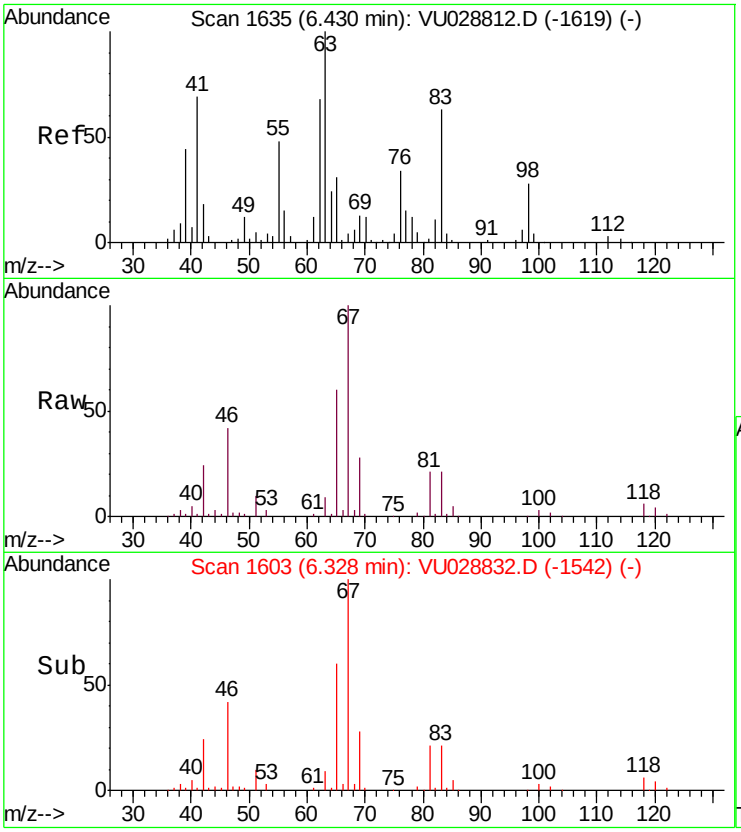


#34
Trichloroethene
Concen: 2.836 ug/L
RT: 6.18 min Scan# 1558
Delta R.T. 0.00 min
Lab File: VU028832.D
Acq: 20 Dec 2018 18:18

Tgt Ion: 95 Resp: 4697

Ion	Ratio	Lower	Upper
95	100		
97	59.4	43.3	80.3
132	87.9	64.2	119.2
130	94.0	67.1	124.7



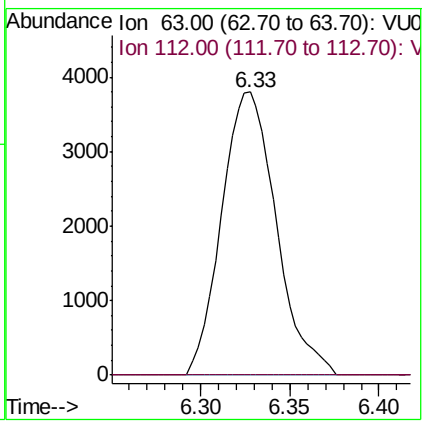


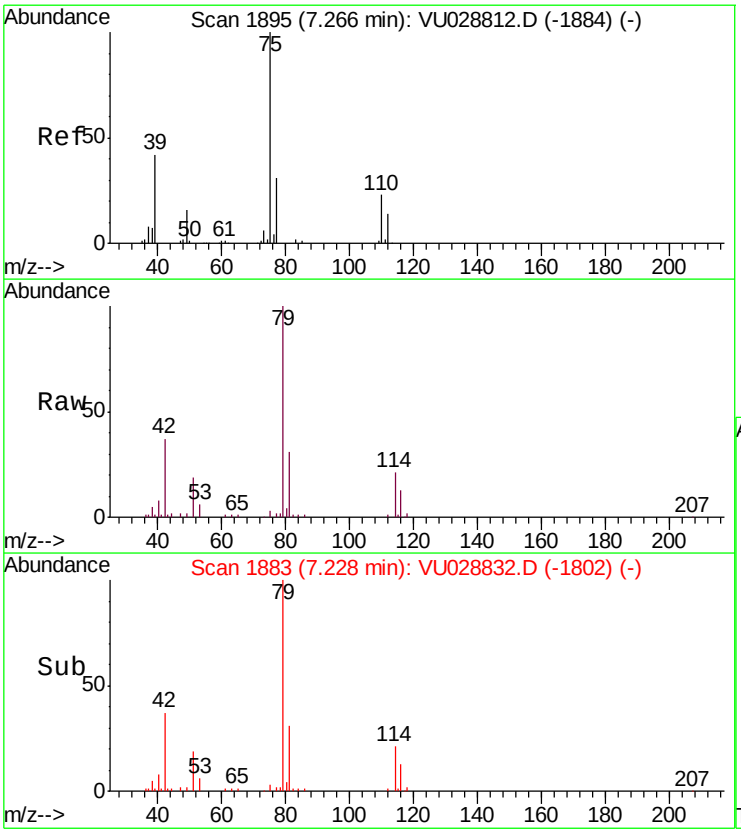
#37
1,2-Dichloropropane
Concen: 4.214 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.10 min
Lab File: VU028832.D
Acq: 20 Dec 2018 18:18

Instrument : MSVOA_U
ClientSampleId : BF040ME

Tgt Ion: 63 Resp: 8081

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.7	4.1#

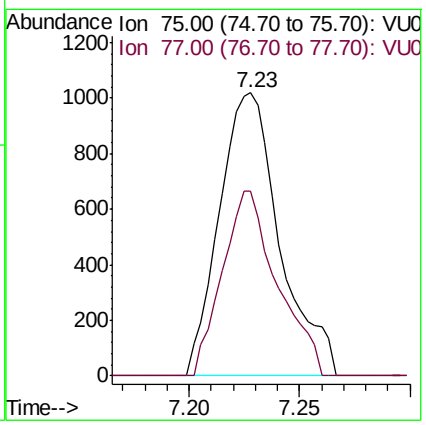


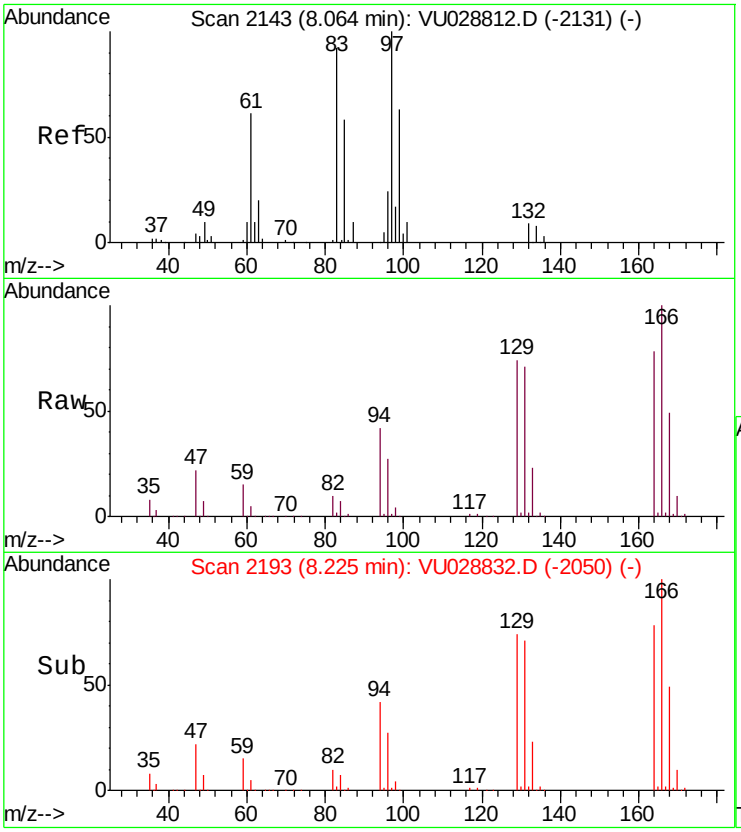


#39
cis-1,3-Dichloropropene
Concen: 0.710 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU028832.D
Acq: 20 Dec 2018 18:18

Tgt Ion: 75 Resp: 1941

Ion	Ratio	Lower	Upper
75	100		
77	65.3	21.8	40.6#



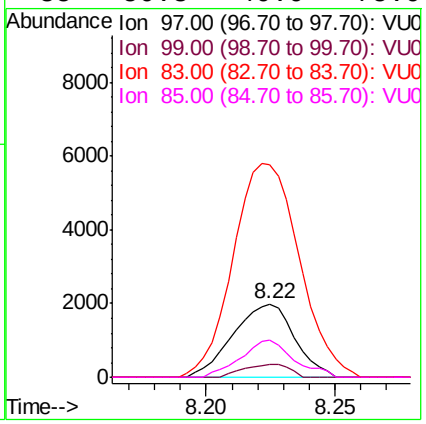


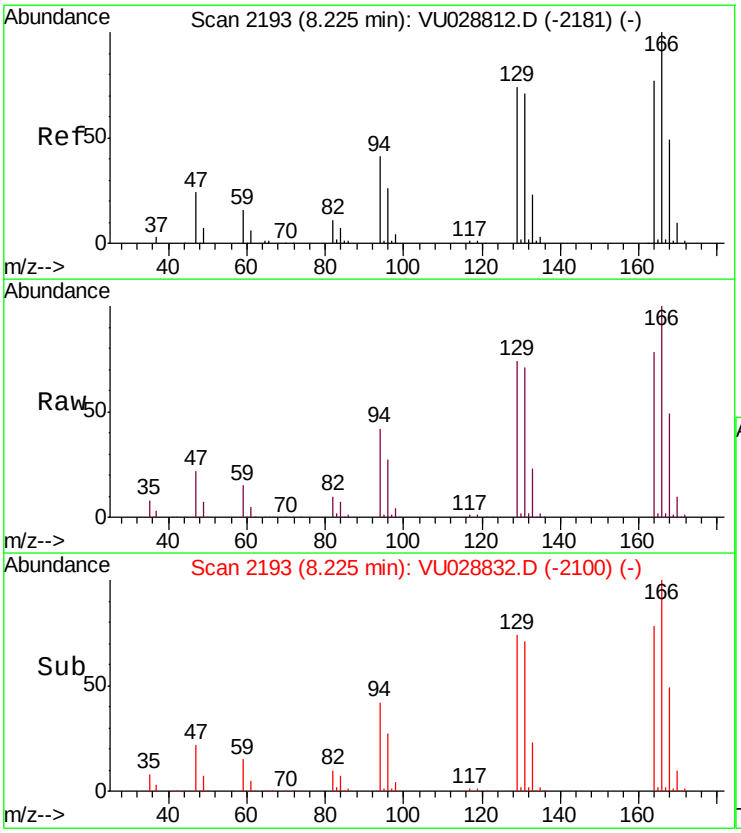
#45
1,1,2-Trichloroethane
Concen: 2.017 ug/L
RT: 8.22 min Scan# 2193
Delta R.T. 0.16 min
Lab File: VU028832.D
Acq: 20 Dec 2018 18:18

Instrument :
MSVOA_U
ClientSampleId :
BF040ME

Tgt Ion: 97 Resp: 3307

Ion	Ratio	Lower	Upper
97	100		
99	17.7	44.2	82.2#
83	291.3	64.5	119.9#
85	50.3	40.9	75.9

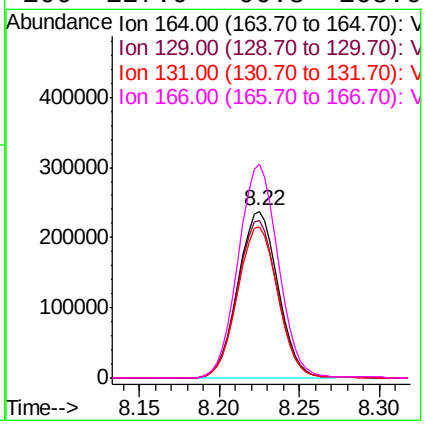


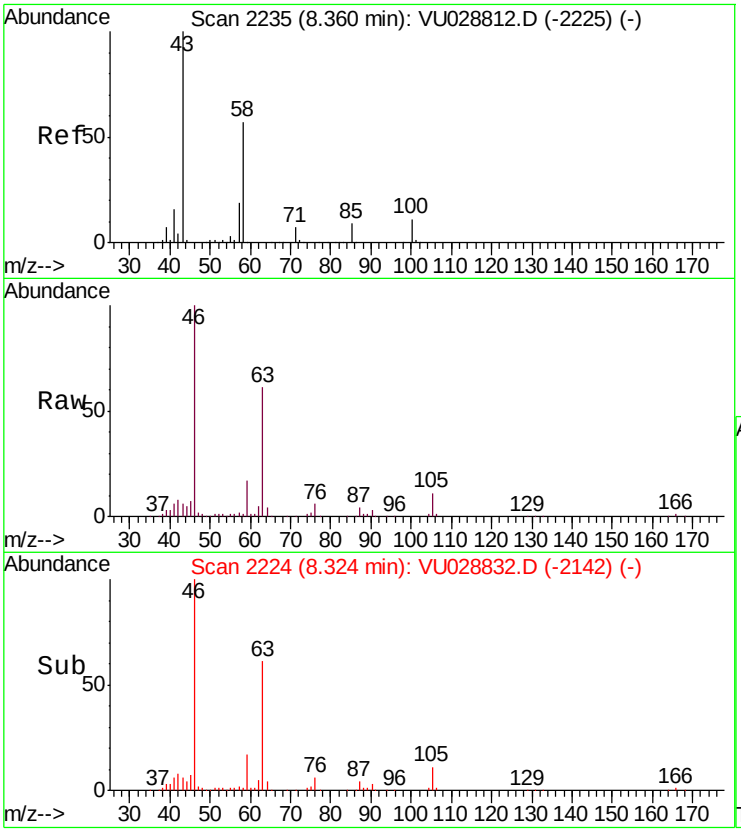


#46
Tetrachloroethene
Concen: 319.605 ug/L
RT: 8.22 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU028832.D
Acq: 20 Dec 2018 18:18

Tgt Ion:164 Resp: 407688

Ion	Ratio	Lower	Upper
164	100		
129	94.5	66.8	124.0
131	90.7	64.2	119.2
166	127.9	90.8	168.6



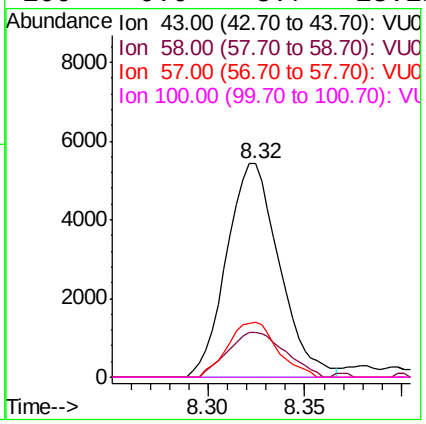


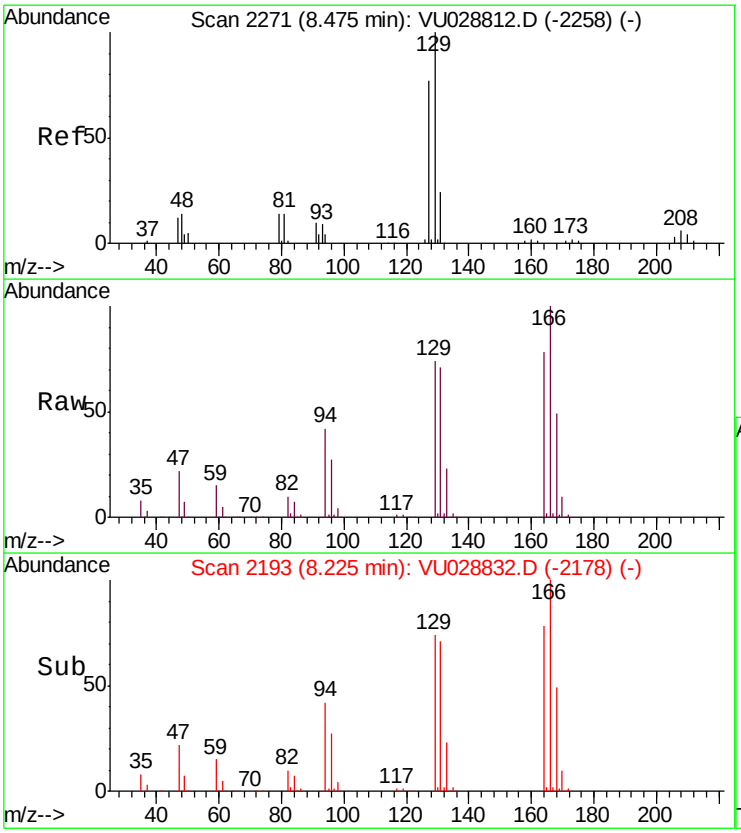
#48
2-Hexanone
Concen: 4.872 ug/L
RT: 8.32 min Scan# 2224
Delta R.T. -0.04 min
Lab File: VU028832.D
Acq: 20 Dec 2018 18:18

Instrument : MSVOA_U
ClientSampleId : BF040ME

Tgt Ion: 43 Resp: 10308

Ion	Ratio	Lower	Upper
43	100		
58	22.9	45.9	68.9#
57	24.2	15.0	22.4#
100	0.0	8.7	13.1#

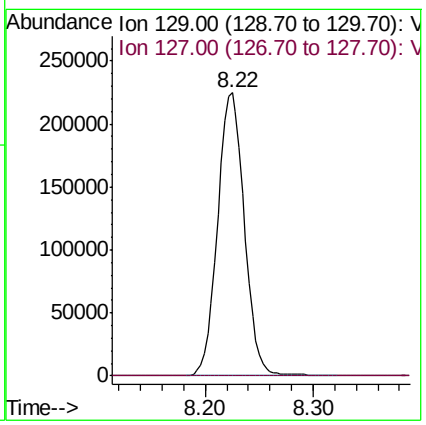


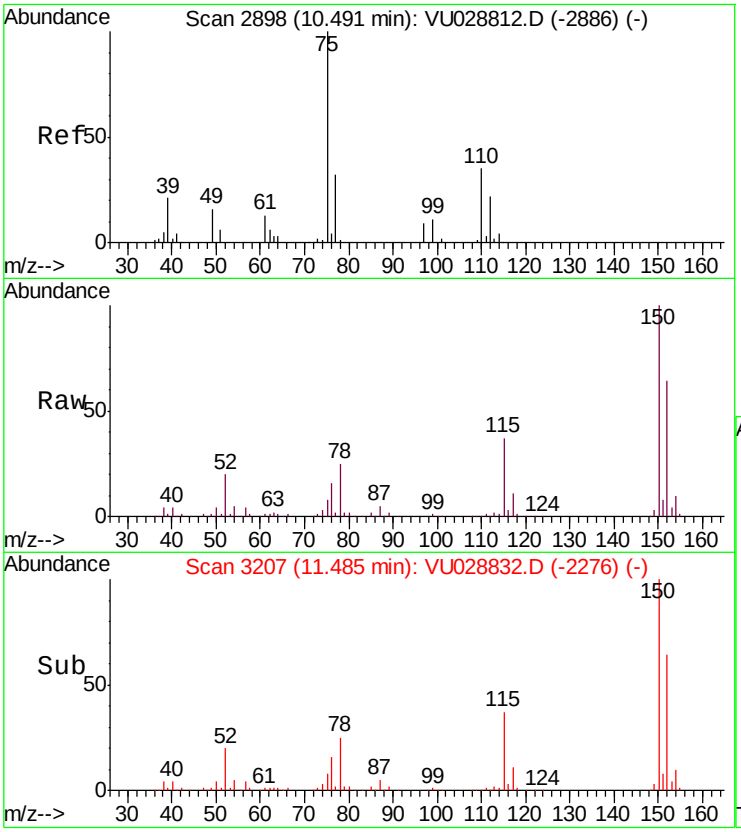


#49
Dibromochloromethane
Concen: 236.069 ug/L
RT: 8.22 min Scan# 2193
Delta R.T. -0.25 min
Lab File: VU028832.D
Acq: 20 Dec 2018 18:18

Tgt Ion:129 Resp: 385553

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.1	100.5#





#59
1,2,3-Trichloropropane
Concen: 5.570 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU028832.D
Acq: 20 Dec 2018 18:18

Instrument :
MSVOA_U
ClientSampleId :
BF040ME

Tgt Ion: 75 Resp: 12748

Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.5	38.3